

DOW CORNING® Q2-3067 Optical couplant

FEATURES

- Good low temperature adhesion
- High clarity, good resolution properties
- Excellent mechanical shear stability
- Makes the interface between itself and the clear substrate invisible

Transparent, grease-like material

APPLICATIONS

- For optical coupling.
- Prevents reflection and loss of intensity during light transmission.
- Improves the sensitivity of many optical devices.
- The elimination of the interface between transmitting mediums makes it useful in fibre optics, electro-optic systems & lens assemblies, as well as other light-sensing instruments.

TYPICAL PROPERTIES

Specification writers: These values are not intended for use in preparing specifications. Please contact your local Dow Corning sales representative prior to writing specifications on this product.

Property	Unit	Value
Color		Pale amber
Penetration unworked/worked:60		220/230
Bleed after 24 hours at 100°C	%	0
Bleed after 24 hours at 150°C	%	1.3
Evaporation after 24 hours at 100°C	%	1.5
Evaporation after 24 hours at 150°C	%	3.5
Specific gravity at 25°C/15.6°C		0.976
Refractive index at D line sodium	589 nm	1.4658
Light transmission at 10mm thickness:		
- Wavelength: 0.40µm	%	70
- Wavelength: 0.50µm	%	87
- Wavelength: 0.60µm	%	92
- Wavelength: 0.70µm	%	92
- Wavelength: 0.80µm	%	94
- Wavelength: 0.90µm	%	89
- Wavelength: 1.00µm	%	87
- Wavelength: 1.10µm	%	92
- Wavelength: 1.20µm	%	31

HOW TO USE

How to apply

Application of DOW CORNING Q2-3067 Optical Couplant can be achieved either with a blade, syringe or automated dispensing equipment. Air entrapment can result. After application, the units to be coupled can be pressed and rotated to remove excess compound and air. If required,

application of a vacuum (about 600mm Hg) for approximately 5 minutes will remove any air.

HANDLING PRECAUTIONS

PRODUCT SAFETY
INFORMATION REQUIRED FOR
SAFE USE IS NOT INCLUDED.
BEFORE HANDLING, READ
PRODUCT AND SAFETY DATA

SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE SAFETY DATA SHEET IS AVAILABLE FROM YOUR LOCAL DOW CORNING SALES REPRESENTATIVE.

purpose or merchantability. Unless Dow Corning provides you with a specific, duly signed endorsement of fitness for use, Dow Corning disclaims liability for any incidental or consequential damages. Suggestions of use shall not be taken as inducements to infringe any patent.

USABLE LIFE AND STORAGE

When stored at or below 30°C in the original unopened containers, this product has a usable life of 11 months from the date of production.

LIMITATIONS

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

HEALTH AND ENVIRONMENTAL INFORMATION

To support customers in their product safety needs, Dow Corning has an extensive Product Stewardship organization and a team of Health, Environment and Regulatory Affairs specialists available in each area.

For further information, please consult your local Dow Corning representative.

WARRANTY INFORMATION - PLEASE READ CAREFULLY

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that Dow Corning's products are safe, effective, and fully satisfactory for the intended end use. Dow Corning's sole warranty is that the product will meet the Dow Corning sales specifications in effect at the time of shipment. Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted. Dow Corning specifically disclaims any other express or implied warranty of fitness for a particular